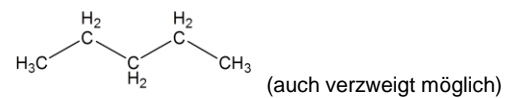


Lösung 2 b):

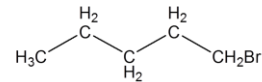
Radikalische Substitution

Lösung 2a:

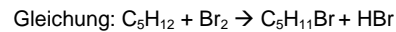
72 g/mol passt zur Summenformel C_5H_{12} :



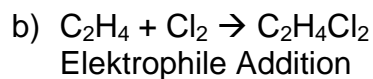
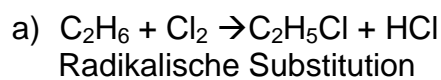
150,9 g/mol passt zu:



80,9 g/mol passt zu:

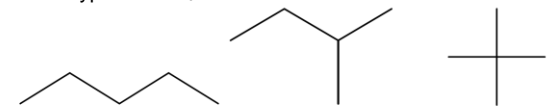


Lösung 3:



Lösung 2c:

Grundtypen von C_5H_{12} :



Mögliche Namen (mit einem Br):

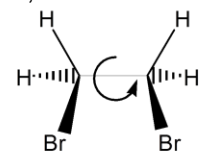
1-Brompentan

1-Brom-2-methyl-butan, 2-Brom-3-methylbutan, 2-Brom-2-Methylbutan

1-Brom-2,2-Dimethylpropan

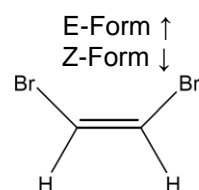
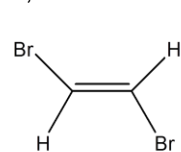
Lösung 5

1,2-Dibrommethan

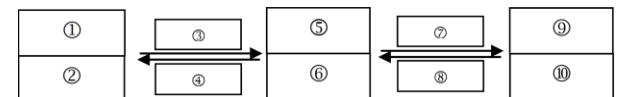


freie Drehbarkeit
Um die C-C-Achse

1,2-Dibromethen



Lösung 4:



①: Alkine

②: C_nH_{2n-2}

③: Hydrierung

④: Dehydrierung

⑤: Alkene

⑥: C_nH_{2n}

⑦: Hydrierung

⑧: Dehydrierung

⑨: Alkane

⑩: C_nH_{2n+2}

Lösung 7:

